CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

QC ABSTRACT

NAME OF WORK: Construction of Samudaya Bhavan at Puttenahalli Colony in Chowdeshwari Ward No-02

SL NO	Item Of Work	Name of Test	Frequency of Test/Quantity	Executed Quantity	Number of Tests Required	Number of Tests Conducted
		Materials				
1	Cement	Fineness by dry sieving	One Test		1	1
		Finess by Air permeablity method	One Test		1	1
		Density	One Test		1	1
		Standard Consistency	One Test		1	1
		Initial Setting time	One Test		1	1
		Final Setting time	One Test		1	1
		Soundness (Le Chatelier's Method)	One Test		1	1
		Compressive Strength	One Test		1	1
2	Coarse aggregate(40 mm down size)	SIEVE ANALYSIS	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
		Specific Gravity	One Test		1	1
		Bulk Density(Loose)	One Test		1	1
		Bulk Density(Compacted)	One Test		1	1
		Water Absorption	One Test		1	1
3	Coarse aggregate(20 mm down size)	SIEVE ANALYSIS	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
		Specific Gravity	One Test		1	1
		Bulk Density(Loose)	One Test		1	1
		Bulk Density(Compacted)	One Test		1	1
		Water Absorption	One Test		1	1
		Aggregate crushing Value	One Test		1	1
		Aggregate Impact Value	One Test		1	1
4	Fine aggregate	SIEVE ANALYSIS	One Test		1	1
		Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
5	Steel	Bend test	One Test		1	1
		Tensile Test	One Test		1	1
		Yield Test	One Test		1	1
		ReBend test	One Test		1	1
6	Block(400*200*200)	BLOCK DENSITY	One Test		1	1
		WATER ABSORPTION	One Test		1	1
		DIMENSION ANALYSIS	One Test		1	1
		COMPRESSIVE STRENGTH	One Test		1	1
7	PCC(M15)	Compressive Strength(7days and 28days)	2 Sets	–	4	4
8	PCC(M15)	Compressive Strength(7days and 28days)	8 Sets	–	16	16
9	RCC(M20)	Compressive Strength(7days and 28days)	2 sets	–	4	4

A.E.E

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Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID	:	CP-2022-09-26-32 Date: 31-01-22
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavan at Puttenahalli Colony in Chowdeshwari Ward No-02
Agency	:	Sri.H S Palaksha Murthy, No:703, 6th Main Road, 4th Cross, Near Gandhi Park, Vijayanagara, Bangalore-560040
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-01/W.O/53/2021-22
Source of Sample	:	Sample supplied by Agency
Sample condition	:	Satisfactory
Date of Receipt	:	28-01-22
Sample Type	:	40mm down size coarse aggregate
Reference to BIS codes	:	IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2021 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	28-01-22

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 40MM DOWN COARSE AGGREGATE:

Total weight taken : 15000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	80 mm	0	0	0.0	100	100
2	40 mm	318	318	2.1	97.9	90-100
3	20 mm	7441	7759	51.7	48.3	30-70
4	10 mm	5152	12911	86.1	13.9	10-35
5	4.75 mm	1711	14622	97.5	2.5	0-5
6	Pan	378	15000	100.0	0	---

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 02/03/2022

Lab ID	:	CP-2022-09-26-32
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavan at Puttenahalli Colony in Chowdeshwari Ward No-02
Agency	:	Sri.H S Palaksha Murthy, No:703, 6th Main Road, 4th Cross, Near Gandhi Park, Vijayanagara, Bangalore-560040
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-01/W.O/53/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	25-02-22
Customer ID	:	Column Below Plinth
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	02/03/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Column Below Plinth	M25	23/02/2022	02/03/2022	151.33 X 150.05 X 149.02	22706	8.605	524.5	23.1	22.6
2	Column Below Plinth	M25	23/02/2022	02/03/2022	151.17 X 150.48 X 150.66	22749	8.235	504.1	22.2	
3	Column Below Plinth	M25	23/02/2022	02/03/2022	149.21 X 151.59 X 151.79	22620	9.025	510.2	22.6	

* The results obtained are satisfactory as per standard requirements.

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
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Samples will be disposed after 30 days from the date of issue of test certificate

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FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 11/06/2022

	:	CP-2022-09-26-32
	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
	:	Yelahanka Sub Division, BBMP, Bangalore.
ner	:	Construction of Samudaya Bhavan at Puttenahalli Colony in Chowdeshwari Ward No-02
ss	:	Sri.H S Palaksha Murthy, No:703, 6th Main Road, 4th Cross, Near Gandhi Park, Vijayanagara, Bangalore-560040
t Name	:	
y	:	BBMP/EE/YNK.D/EPMT-01/W.O/53/2021-22
mer's Reference	:	Sample supplied by Agency
e of Sample	:	Satisfactory
le Condition	:	06-06-22
of Receipt	:	GF Flooring
omer ID	:	150X150X150 mm
ple Type /Size	:	M15 / 7 Days Compressive Strength
ple grade/Age	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
erence to BIS codes	:	11/06/2022
e of test	:	

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	GF Flooring	M15	04/06/2022	11/06/2022	149.78 X 149.83 X 150.39	22441	8.299	284.1	12.7	12.5
2	GF Flooring	M15	04/06/2022	11/06/2022	150.71 X 149.04 X 149.81	22462	8.747	274.2	12.2	
3	GF Flooring	M15	04/06/2022	11/06/2022	151.12 X 151.34 X 151.14	22871	8.404	290.3	12.7	

* The results obtained are satisfactory as per standard requirements.

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